Index of Claims

| Application | n/Contro | ol No. |
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09/893,829

KRISHNASWAMY ET AL.

Examiner

Art Unit

Applicant(s)/Patent under Reexamination

Nabil M. El-Hady

2154

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected Ν Interference

Appeal Α 0 Objected

| Cla         | aim      | Ţ,        | _              |                 | C        | ate      |          |          |              | 7     | Cla          | aim      |                | -        |        | Date          | ,        |     |          |              | CI       | aim        | _             |               |         | Dat      | e            |          |   | $\neg$   |
|-------------|----------|-----------|----------------|-----------------|----------|----------|----------|----------|--------------|-------|--------------|----------|----------------|----------|--------|---------------|----------|-----|----------|--------------|----------|------------|---------------|---------------|---------|----------|--------------|----------|---|----------|
|             | -        | 115/16    |                |                 |          |          |          |          |              | 7     |              | =        | П              |          |        |               |          |     |          |              |          |            |               |               | Т       |          |              |          | Т   |          |
| Final       | Original | -         | ┥              |                 |          |          |          |          |              |       | Final        | Original |                |          |        |               |          |     |          |              | ā        | Original   |               |               |         |          |              |          |   |          |
| i Ē         | E        | 13        |                |                 |          |          |          |          | -1           |       | 造            | <u>E</u> | ll             |          | ł      | 1             |          |     |          |              | Final    | rig        |               |               |         |          |              |          |   |          |
|             | '        | 5         | 1              |                 |          |          |          |          |              |       |              | 0        |                |          |        |               |          |     |          |              |          | 0          |               |               |         | 1        |              |          |   |          |
|             | 1        | 2         |                |                 |          |          |          |          |              | 7!!!  |              | 51       | П              |          |        | П             |          |     |          |              |          | 101        |               | 1             | 1       | İ        |              |          | $\exists$   |          |
|             | 2        | Π         |                |                 |          |          |          |          |              | 7     |              | 52       |                |          |        |               |          | -   |          |              |          | 102        | $\Box$        | $\neg \vdash$ | Т       | $\top$   |              |          | $\top$  | $\neg$   |
|             | 3        | П         | Γ              |                 |          |          |          |          | $\mathbf{I}$ | 7     |              | 53       | П              |          |        |               |          |     | Г        |              |          | 103        | $\neg$        | $\neg \vdash$ | Т       | $\top$   |              |          | $\Box$  |          |
|             | 4        |           |                |                 |          |          |          |          |              |       |              | 54       |                |          |        |               |          |     |          |              |          | 104        | П             |               |         |          |              |          | T   |          |
|             | 5        | П         |                |                 |          |          |          |          |              |       |              | 55       |                |          |        |               |          |     |          |              |          | 105        |               | П             |         |          |              |          | $\Box$  |          |
|             | 6        | Ц         | L              | Ш               |          | $\perp$  | $\perp$  |          | Ш.           | _     |              | 56       |                |          |        |               |          |     |          |              |          | 106        |               |               |         |          |              |          |   |          |
|             | 7        | Ш         |                | Ш               |          |          | _        |          |              |       |              | 57       | Ш              | ┈        |        |               |          |     |          |              |          | 107        | $\perp$       |               |         |          |              |          |   |          |
|             | 8        | Ш         | L              | Ш               |          |          | _        |          |              | _     |              | 58       |                |          |        |               |          |     |          |              |          | 108        |               |               |         |          |              |          |   |          |
| <u> </u>    | 9        | Ц         | 上              | Ш               |          |          |          |          |              |       |              | 59       |                |          | $\bot$ |               |          |     | L        |              |          | 109        |               | ┸             |         | 1_       |              |          |   |          |
| <u> </u>    | 10       | Ц         | <u></u>        | Ш               | $\Box$   | $\perp$  | _        | 4        |              | 1     | <u></u>      | 60       | oxdot          |          |        | $\sqcup$      |          |     |          |              |          | 110        |               |               |         |          |              |          | $\perp$   |          |
| <u> </u>    | 11       | Ш         | $oxed{oxed}$   | Ш               | $\perp$  | _        | $\perp$  | $\perp$  |              | _     | <u></u>      | 61       | $\sqcup \bot$  |          |        | $\sqcup$      | _ _      | _ _ |          |              |          | 111        |               |               | L       |          | <u>'</u>     |          | $\perp$   | ╝        |
|             | 12       | Ц         | L              | Ш               |          | $\perp$  | _        | $\perp$  | $\perp$      | 4     |              | 62       | $\sqcup$       |          |        | Ш             |          | _   |          |              |          | 112        | $\perp$       | ot            | Ĺ       |          |              |          | $\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |          |
| <u> </u>    | 13       | Ц         | ╙              | Ш               | _        | _        |          |          | $\perp$      | 4     |              | 63       | $\sqcup$       | 1        |        | $\sqcup$      | _        | _ _ | Ш        |              |          | 113        | $\dashv$      |               | _       | $\perp$  | Ц.           | Ц        | $\perp$   | ᆜ        |
| <u></u>     | 14       | $\coprod$ | ┞              | Ш               | _        | _        | _        | $\perp$  | _            | 4     | L            | 64       | $\sqcup \bot$  | _        |        | Ш             | _ _      | _ _ | Ш        |              |          | 114        | $\dashv$      | $\bot$        | $\bot$  | $\perp$  | $oxed{oxed}$ | $\Box$   | $\dashv$  | _        |
| <u> </u>    | 15       | $\coprod$ | _              | Ш               | _        | $\dashv$ | $\dashv$ | _        | $\bot$       | 4     | <u> </u>     | 65       | $\sqcup$       |          | +-     | $\sqcup$      | _ _      |     |          |              |          | 115        | $\dashv$      |               | $\perp$ |          | <u> </u>     |          |   | ᆚ        |
| <u></u>     | 16       | H         | $\vdash$       | Ш               | _        | $\dashv$ | $\dashv$ | 4        |              | 4     | L            | 66       | $\sqcup$       | _        | _      | $\sqcup$      | _ _      | _   | <u> </u> |              |          | 116        | $\dashv$      |               | _       | _        | $oxed{oxed}$ | $\Box$   | $\dashv$  | _        |
| <u> </u>    | 17       | $\coprod$ | $\vdash$       | $\sqcup$        | _        | _        | 4        | $\bot$   |              | 4     | <u> </u>     | 67       | $\vdash$       | 4        | $\bot$ | $\sqcup$      | _        |     | <b> </b> |              |          | 117        | _             | $\perp$       | $\bot$  | $\bot$   | $\vdash$     | $\Box$   | $\dashv$  | _        |
| L           | 18       | Ц         | ┞-             | Ш               |          | _        | 4        | _        |              | _     | <u> </u>     | 68       |                | _ _      |        |               |          | —   | Ľ        |              |          | 118        |               |               | 1       |          | _            |          | _   | _        |
|             | 19       | Н         | _              | $\perp$         |          | 4        | 4        | _        |              | _     | <u> </u>     | 69       | $\sqcup$       |          |        | $\sqcup$      | _        | ╨   |          |              |          | 119        | $\rightarrow$ |               | 1       | Ш.       | _            | Ц        | <u> </u>  | _        |
| <u> </u>    | 20       | Н         | ╙              | $\sqcup$        | _        | 4        | 4        | 4        | _            | _     | <u> </u>     | 70       | $\sqcup$       |          |        | $\sqcup$      | _        | 4_  | <u> </u> |              |          | 120        |               |               | $\perp$ |          | _            | $\perp$  |   | 4        |
| <u> </u>    | 21       | Ш         | ┡              | $\sqcup$        | _        | 4        | 4        | _        | 4-           | _     | <u> </u>     | 71       | $\sqcup$       |          |        | $\vdash$      | _        | _   |          |              |          | 121        | $\dashv$      |               | _       | 4        | L            | $\perp$  |   | _        |
| <u> </u>    | 22       | Ц         | <u> </u>       | Ш               | _        | _        | 4        | _        |              | _     |              | 72       | $\sqcup$       | 1        |        | Ш             | _        |     |          |              |          | 122        | _             |               | ┸       |          | Ш            | _        | _   | _        |
|             | 23       | 1         | _              | Ш               |          | _        | _        |          |              | 4     |              | 73       | $\sqcup$       |          | 4_     | $\sqcup$      |          |     |          |              |          | 123        | _             |               | $\perp$ | 4        | Ш            | $\dashv$ | _   | _        |
|             | 24       | =         | <del> </del> _ | ļ               | _        | _        | 4        | _        | 4            | -     | <u> </u>     | 74       | Щ.             |          | 4      | $\sqcup$      |          | _   |          |              |          | 124        |               | $\bot$        | $\bot$  | -        | _            | _        | 4   | _        |
| <u> </u>    | 25       |           | ├_             | Н               | $\dashv$ | $\dashv$ | 4        | _        | +            | 4     |              | 75       | -              |          |        | $\vdash$      |          |     |          |              |          | 125        | _             | _             | $\bot$  | <b>—</b> | ļ            | $\perp$  | _   | _        |
|             | 26       | =         | ┞              | H               | $\dashv$ | _        | 4        |          | +-           | 4     |              | 76       |                |          | -      | $\vdash$      |          |     |          |              |          | 126        | $\dashv$      | $\dashv$      | +       |          | ļ.,          | $\dashv$ | $\dashv$  | 4        |
|             | 27       | 2         | ⊢              | ┝╼┥             | $\dashv$ | +        | +        | +        | +-           | -     |              | 77       | ₩.             | -        |        | $\vdash$      | $\dashv$ | -   | $\vdash$ |              |          | 127        |               | +             | +       | +        | ⊢            | $\dashv$ | -   | 4        |
|             | 28       | -         | <del> </del>   | $\vdash$        |          |          | +        | +        | +            | -     |              | 78       | $\vdash$       | -        | +      | $\vdash$      |          | -   | L.       |              |          | 128        | $\dashv$      |               | +       | +-       | $\vdash$     | $\dashv$ | +   | -        |
|             | 29       | ┢         | <u> </u>       | $\vdash$        | $\dashv$ | +        | $\dashv$ | +        |              | -     | <u> </u>     | 79       | $\vdash$       |          |        | $\vdash$      | -        | +-  | ├-       |              |          | 129        |               | -             | +       | ╁        |              | $\dashv$ | -   |          |
| <u> </u>    | 30<br>31 | $\vdash$  | $\vdash$       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | +        | +            | -     | $\vdash$     | 80<br>81 |                | -        | +      | $\vdash \mid$ | +        | +-  | -        |              |          | 130        | +             | +             | +       | +        | $\vdash$     | $\dashv$ | +   | $\dashv$ |
| <u> </u>    | 32       | $\vdash$  | -              | $\vdash$        | $\dashv$ | +        | $\dashv$ | +        | $\dashv$     | -     | -            |          | $\vdash$       | - -      | +      | ╁┤            | $\dashv$ | +   | $\vdash$ |              |          | 131        | -+            | +             | +-      | +        | -            | $\dashv$ | +   | $\dashv$ |
| <del></del> | 33       | -         | -              | $\vdash \vdash$ | $\dashv$ | +        | +        | +        | +-           | -     | <del> </del> | 82<br>83 | <del>   </del> | +        | +-     | $\vdash$      | +        |     | $\vdash$ |              |          | 132        | +             | - -           | +       | +        | $\vdash$     | $\dashv$ | $\dashv$  | $\dashv$ |
|             | 34       | $\vdash$  | $\vdash$       | $\vdash \vdash$ | $\dashv$ | +        | $\dashv$ | +        | +            | -     |              | 84       | $\vdash$       | +        | +      | ₽             | +        | +   | -        |              |          | 133<br>134 |               | +             | +       | +        | $\vdash$     | $\dashv$ | -   | $\dashv$ |
|             | 35       | -         | <del>  -</del> | $\vdash$        | $\dashv$ | -+       | +        | +        | +            | 1     |              | 85       | <del>   </del> | +-       | +      | $\vdash$      | +        | +   | $\vdash$ | ŀ            |          | 135        | +             | +             | +       | +-       | $\vdash$     | -+       | +   | $\dashv$ |
|             | 36       | $\vdash$  | $\vdash$       | $\vdash$        | -        | +        | +        | +        | +            | -     |              | 86       | $\vdash$       | +        | +      | $\vdash$      | -+       | +   | Н        |              |          | 136        | +             | +             | +-      | ╁        |              | $\dashv$ | +   | $\dashv$ |
|             | 37       | ⊢         | -              | $\vdash$        | $\dashv$ | +        | -+-      | 十        | +            | 1     | <u> </u>     | 87       | $\vdash$       |          | +      | $\vdash$      | +        | +   | Н        | <br>         |          | 137        | $\dashv$      |               | ╁       | +        | $\vdash$     | $\dashv$ | +   | $\dashv$ |
| <del></del> | 38       | -         | $\vdash$       | H               | $\dashv$ | $\dashv$ | +        | +        | +            | 1     |              | 88       |                | +        | +      | $\vdash$      | +        | +   | H        |              |          | 138        | +             | +             | +       | +        | $\vdash$     | $\dashv$ | $\dashv$  | $\dashv$ |
| <u> </u>    | 39       | Ι-        | 1              | H               | $\dashv$ | +        | $\dashv$ | +        | +            | 1     |              | 89       | $\vdash$       | +        | +      | $\forall$     | +        | +-  | Н        |              |          | 139        | +             | +             | ╁       | +        | $\vdash$     | $\dashv$ | $\dashv$  | $\dashv$ |
| <u> </u>    | 40       | H         | -              | $\vdash$        | +        | +        | $\dashv$ | $\dashv$ | +            | 1     | <del> </del> | 90       | $\vdash$       | -        | +      | $\vdash$      |          | +   | H        |              |          | 140        | $\dashv$      | +             | +       | +        | Н            | $\dashv$ | 十   | $\dashv$ |
|             | 41       | $\vdash$  | $\vdash$       | 1-1             | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +            | 1     | $\vdash$     | 91       | $\vdash$       | +        | +-     | $\vdash$      | +        | +   | Н        | -            |          | 141        | +             | +             | ╁       | +        | $\vdash$     | $\dashv$ | +   | $\dashv$ |
| $\vdash$    | 42       | H         | Ι-             | ╅               | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | +            | 1     | $\vdash$     | 92       | $\vdash$       | +        | +      | $\vdash$      | +        | +   | Н        | <br>         |          | 142        | +             | +-            | +       | +        | $\vdash$     | +        | +   | $\dashv$ |
|             | 43       | Г         | Г              |                 | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\top$       | 1     |              | 93       | $\vdash$       | +        | +      | $\vdash$      | 十        | +   | H        | 1111         |          | 143        | +             | +             | +-      | +        | $\vdash$     | -+       | +   | $\dashv$ |
|             | 44       | $\vdash$  |                | $\vdash$        |          | $\dashv$ | 十        | $\top$   | +            | 1     | -            | 94       | $\vdash$       | +        | +      | 1 -           | 十        | +   | Н        |              |          | 144        | +             | +             | +-      | +        | $\vdash$     | $\dashv$ | +   | $\dashv$ |
|             | 45       | ┢         | Т              | H               | +        | 十        | $\dashv$ | +        | $\top$       | 1     | $\vdash$     | 95       |                | $\dashv$ | +      |               | $\dashv$ | +   | H        | <b>     </b> |          | 145        | $\dashv$      | +             | +-      | +        | H            | -+       | +   | $\dashv$ |
|             | 46       | H         | Т              | Н               | 寸        | +        | $\dashv$ | +        | $\top$       | 1     |              | 96       | $\vdash$       | $\dashv$ | +      | $\vdash$      | 十        | +   | $\vdash$ |              |          | 146        | +             | +             | +       | +        | Н            | $\dashv$ | +   | $\dashv$ |
|             | 47       | _         |                | Н               | $\dashv$ | $\dashv$ | +        | +        | +            | 1     |              | 97       | $\vdash$       | +        | +      | $\vdash$      | _        | +   | $\vdash$ | ⊪            |          | 147        | +             | +             | +       | +        | $\vdash$     | $\dashv$ | +   | $\dashv$ |
|             | 48       |           |                | Ħ               | _        | 十        | 十        | $\top$   | $\top$       | 1     |              | 98       | $\vdash$       | $\top$   | +      | $\vdash$      | +        | +   | Н        | <b></b>      |          | 148        | +             | +             | +-      | +-       | Н            | $\dashv$ | +   | $\dashv$ |
|             | 49       |           | _              | $\vdash$        | $\dashv$ | $\dashv$ | +        | ╅        | $\top$       | 1     |              | 99       | <del>   </del> | +        | +      |               | +        | +   | Н        | <b> </b>     | $\dashv$ | 149        | +             | 十             | +       | +        | Н            | $\dashv$ | +   | $\dashv$ |
|             | 50       | Г         | Г              | $\vdash$        | _        | $\dashv$ | $\top$   | +        | $\top$       | 1     |              | 100      | $\vdash$       | +        | +      | $\vdash$      | 十        | +-  | H        |              |          | 150        | +             | +             | +       | +-       | Н            | +        | +   | $\dashv$ |
|             |          | Ь         | ۰              |                 |          |          |          |          | _ــــــ      | ٠٠٠٠٠ | Ц            | 100      | Щ.             |          |        |               |          | l   | ш        | [            | 1        | 130        |               |               |         | 1        |              |          |   |          |